Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 28 Feb 2023 until 23:59 on Wednesday 01 Mar 2023

Forecast Issued on Tuesday 28 Feb 2023 at 02:30

Confidence: High for general developments, but Medium for cloud details.

Headline for Tuesday 28 Feb 2023: Rather cloudy with showers, perhaps wintry over the higher tops. Chilly northeast winds.

Mountain weather hazards on Tuesday 28 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Cloudy	Light rain	Light rain	Sleet
Precipitation probability					
40%	30%	40%	40%	30%	40%

Forecast for Tuesday 28 Feb 2023

Weather: Rather cloudy with showers, these possibly wintry over the highest tops.

Chance of cloud-free hill tops above 600m: 60%.

Low cloud and visibility: Occasional or extensive cloud, base around 600m, but lower in showers. Some breaks may develop in the early afternoon. Visibility moderate to very poor in cloud and showers, otherwise very good below the cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 28 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/19 NE	18/23 NE	18/24 NE	18/24 NE	21/29 NE	22/30 NE	21/29 NE
300	7/11 NE	11/15 N	15/20 NE	15/21 NE	14/21 NE	16/23 NE	15/23 NE
Valley	4/11 N	7/15 N	10/20 NE	11/21 NE	10/22 NE	12/25 NE	10/23 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	1/-5	2/-4	2/-4	2/-5	1/-5	1/-5
300	4/0	4/-0	4/0	5/0	4/-0	4/-1	4/-1
Valley	4/3	5/2	6/2	6/2	5/1	4/1	4/1
Freezing Level*	800m	800m	800m	800m	800m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note severe hill effect on peaks.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 28 Feb 2023	0.8mm	0.8mm	1mm

Forecast for Wednesday 01 Mar 2023

Weather: A similar day with rather cloudy skies and showers, although likely less frequent than Tuesday. Showers may be wintry over the tops. Chilly northeast winds.

Maximum wind: Northeast 15 to 20mph, gusting 30mph.

Chance of cloud-free hill tops above 600m: 40%, rising to 60% during afternoon.

Low cloud and visibility: Occasional or extensive cloud, base around 600m. Visibility moderate to very poor in cloud and showers, otherwise very good beneath cloud.

Temperature: **Valleys:** Plus 4 Celsius rising to 6 Celsius
At 600m: Zero rising to Plus 2 Celsius during the day
Freezing level: 600m rising to 1000m during the day.

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